



CDF Operations Summary

Steve Hahn
April 20, 2006

March 2006 Shutdown Week 8

“Once more into the fray”

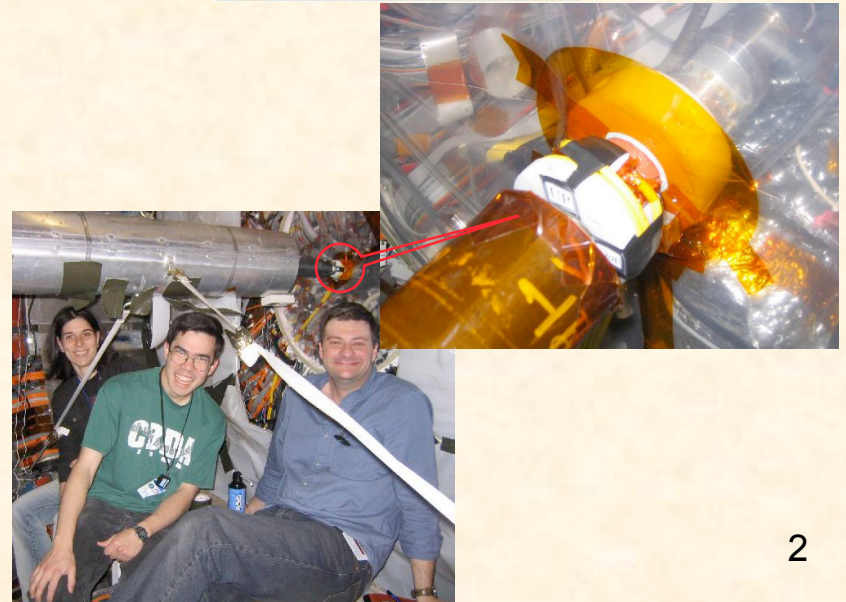
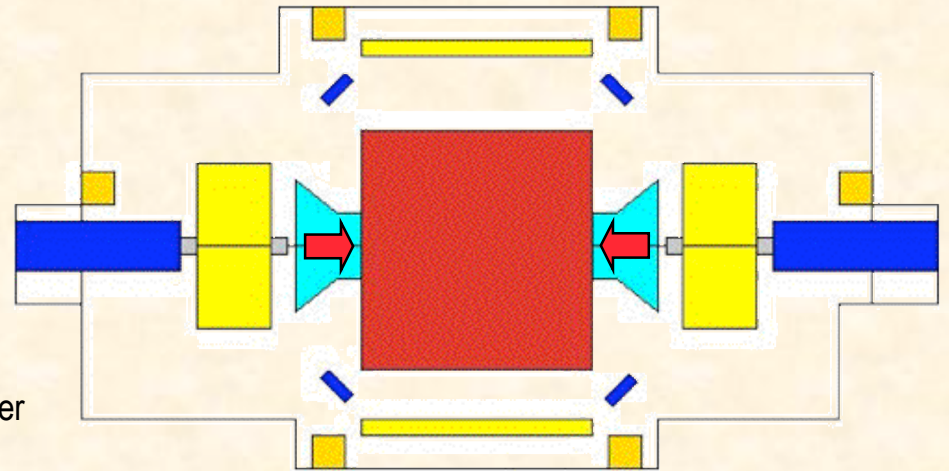


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☛ Detector Status:

- 3rd (and last) power outage Monday 0700-0730
 - ➔ No diesel generator problems!
 - ➔ Afterwards, start really pulling detector together
- Endplugs closed Monday
 - ➔ COT low power noise problems fixed; other noise problems not fixed
 - ➔ 3 WHA PMTs fixed; will need gain calibration via laser and source runs
 - ➔ 2 bad TOF PMT replaced with spares. 1 more spare intended for good PMT but installation tricky; considering options
 - ➔ Diamond sensor installation done and tested in bore; still need to connect on 1st floor
 - ➔ CSX fixes and reinstallation
- Hardware EVB/Level 3
 - ➔ Currently running most of the time with 5-6 subfarms of new L3 nodes
 - ➔ Configuration work needed to add back in subfarms of old L3 nodes





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- Pulling detector together—lots of loose ends:
 - Bad SMD crate on east plug; power supply problem
 - Various calorimeter cards (being excluded) and channels misbehaving
 - 8/12 plug CAEN 527s need installation after return and testing from PREP
 - ➔ EM timing testing waiting on this
 - CPR CAEN 527 optoisolator installation being worked on
 - Some work needed on muon and CLC/CPR2 iFIX PCs
 - Some central PMT and calibration system work
 - Any number of small jobs upstairs and down
 - New aces started last Friday; need to get up to speed for data-taking
- Low beta quads will be moved such that corrector magnets do not have to run at maximum current; approval tomorrow
 - Will move beam down 1 mm with no change in slope
 - Keep an eye on detector movement over next year



Important Dates

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Date	
2/27	Shutdown begins
2/27	Open Collision Hall, begin detector work
2/27 - 6/1	No Owl shifts (Cryo: 3/6 - 5/22): HV off at night!
3/1 - 4/6	No Hardware Event Builder
3/7	Open all steel, full detector access
3/15 - 3/26	Hilman roller replacement (NW IMU steel)
3/13	Chambers off flammable gas
3/18	8 hour power outage to B0 and trailers
4/4 - 4/20	Solenoid bore access
4/3	1/2 hour site wide power outage
4/24	1/2 hour site wide power outage
4/26 - 5/5	Hillman roller replacement (SW IMU steel)
5/12	Restrict access to collision hall; COT flammable gas (recirculation)
4/5 - 5/25	Cosmic rays, calibration and debugging with hardware EVB
5/25	Tevatron Cold